

Composite flyash-gypsum block (brick) and its production process

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Abstract of CN1332128

The composite flyash-gypsum block (brick) is produced with building gypsum powder 30-40 wt%, flyash 30-40 wt%, lime 10-14 wt%, perlite 13-18 wt%, gypsum water reducing agent 0.6-1.4 wt% and flyash activator 0.8-1.2 wt% and through the following processes: mixing the mixture of ground lime and flyash with water solution of gypsum water reducing agent and flyash activator; adding gypsum powder and alkali resisting glass fiber or produce slurry through stirring; molding the slurry inside mold through vibration to produce block or brick; demolding and curing to obtain product with water content less than 5 %. The composite block or brick of the present invention has high softening coefficient, simple production process and low cost and may be used in moist environment.

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